NONPROVISIONAL PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 Facsimile: (703) 836-2787		Attorney Docket No.: 117258 Date: September 23, 2003						
		Customer Number: 25944		NONPROVISIONAL APPLICATION TRANSMITTAL RULE §1.53(b)				
Commissioner for Pater P.O. Box 1450 Alexandria, VA 22313				Ū	`,		8. PTO	2
Sir:							U.8	, ;
Transmitted herewith for	C.F.R. §1.53(b) is the no	onprovisional p	atent applica	tion		03916 U.S. PT)	
For (Title):	r (Title): SEMICONDUCTOR DEVICE HAVING A NITRIDE-BASED HETERO-STRUCTURE AND METHOD OF MANUFACTURING THE SAME							
By (Inventors):	Akihiko YOSHI	KAWA; Ke XU						
Use Figure for front page of Publication. A Declaration and Power of Attorney is filed herewith. This application claims benefit of Provisional Application No filed (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.) This patent application is assigned to CHIBA UNIVERSITY. The executed Assignment is filed herewith. An Information Disclosure Statement is filed herewith. Entitlement to small entity status is hereby asserted. A Preliminary Amendment is filed herewith. Priority of foreign applications No. 2002-280082 filed September 25, 2002 in JAPAN and No. 2003-314057 September 5, 2003 in JAPAN are claimed (35 U.S.C. §119). A certified copy of the above corresponding foreign applications are filed herewith. This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certified the invention disclosed in this application has not been and will not be the subject of an application filed in a country, or under a multilateral international agreement, that requires publication at eighteen months after filing. The filing fee is calculated below:								at
CLAIMS IN THE APPLICATION AFT ANY PRELIMINARY AMENDMENT			SMALL ENTITY			OTHER THAN A SMALL ENTITY		
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	<u>OR</u>	RATE	FEE	1
BASIC FEE				\$ 375	<u>OR</u>		\$ 750	
TOTAL CLAIMS	2 - 20	= 0	x 9=	\$	<u>OR</u>	x 18	\$	
INDEP CLAIMS	2 - 3	= 0	x 42 =	\$	<u>OR</u>	x 84	\$	
☐ MULTIPLE DEPENDENT CLAIM		S PRESENTED	+ 140=	\$	<u>OR</u>	+ 280	\$	
* If the difference is			TOTAL	\$ 375	<u>OR</u>	TOTAL	s	
Commissioner	is hereby authoriz	of \$375 to cover the filed to charge any other festit Account No. 15-0461.	es that may be	required to c	omplete	this filing, or	r to	
	Respectfully submitted,							
James A. Oliff								

Thomas J. Pardini Registration No. 30,411

Registration No. 27,075